CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	East Germany	REPORT
SUBJECT	New Pit Head Installations of	DATE DISTR. 14 Apr 17 1053
	Wismut AG	NO. OF PAGES 2
	, <u>j</u>	25.4
DATE OF INFO.		REQUIREMENT NO. RD
PLACE ACQUIRED		REFERENCES
	, , , , , , , , , , , , , , , , , , ,	This is UNEVALUATED Information
	THE SOURCE EVALUATIONS IN THE THE APPRAISAL OF CONTE (FOR KEY SEE R	INT IS TENTATIVE.
		Administration) approved in January 25X1
and the second s	ne erection of the following inst	
a. <u>O</u> b.	jekt 9, Pit 207: project dated 23	December 1953.
2 •	lectromagnetic stoppers (Stopper lectromagnetic switch mechanisms	
	witches, various (Weichen) crossings (Gleisuebergaenge)	
6 0	curved switches (Bogenweichen)	
	otary tippers (Kreiselwipper) Mechanical spreaders (Schubwagen-	Speiser)
8 0	est belts 650 mm x 2150 and 3000 conveyor belts 650 mm and 34.02, .775 m long	mm. (Pruefband) 32.46, 31.6, 31.6, 30.1, 12.9, 12.1 and
(1	Transportband)	The state of the s
8 s 25 d	neumatic sampler for conveyor be orting devices with control valv hutes, various (Schurren)	es (Sortiereinrichtung)
11_t	wo-way chutes, various (Hosensol	urren)
ъ. <u>О</u> ъ	ekt 96, Neuer Schacht (new shaft	and the second s
	ocompressor station with 6 compress (of 23 cu. m/min capacity).	essors type
	Control of the contro	

3/4

(Note: Washington Distribution Indicated By "X"; Field Distribution By "#",)

x AIR

X NAVY

ARMY

STATE

For the draining of rain water from the area of the tailings pond (Schlammteich), drains are to be relaid and 17 pits (Revisions-Schaechte) are to be sunk. New materials required are as follows:

- U.S.

AEC

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- 2 -

700 m. concrete pipe 700/1050 mm oval cross-section 50 m. concrete pipe 600 and 400 mm diameter (circular cross-section).

- 2. Third Directorate, Chemnitz 30
 - a. The deputy head is a Russian name Chernidi (phonetic).
 - b. A large number (about 150) of German employees were dismissed on 15 January 1953.
- 3. Ore sampler (Probenehmer)
 - a. The pneumatic ore sampler for use with a conveyor belt 650 mm wide, consists of the following:
 - 1. Chute with swivel flap(Schwenk-Klapper) and cylinder (300 kg weight)
 - 2. Magnetically operated control valve (31 kg weight)
 - 3. 2 compressed air pipes (2 m long, each)
 - 4. I double repeating time switch.
 - b. The ore sampler takes a "sample" of about 10% of the ore passing along the conveyor belt. The time switch operates an electromagnetic air control valve (Steuerventil) on the cylinder of the swivel flap. The swivel flap itself is moved by compressed air passed into the cylinder through this control valve. Normally, the swivel flap is kept open for 18 seconds, in the sampling position for 2 seconds, again open for 18 seconds and so forth.
 - c. The sampling period and the open period can each be set independently to any time between 1 and 60 seconds, in accordance with the amount required as a sample. The setting is done by means of a scale on the time switch.
 - d. A maximum of 200 tons per hour can be handled.
 - e. Compressed air at 4-6 atmospheres is required.
 - f. The electromagnet, model M 196/14 D.B.Q., is supplied by the firm VVB IKA Eisenach (VEB Elektroschaltgeraete Eisenach).
 - g. The double repeating time switch, model H.M.R.2, is supplied by the firm Heliogen (Bad Blankenburg).

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